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PTO/SB/21 (03-03)

Approved for use through 04/30/2003. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/017,630	
	Filing Date	12/14/2001	
	First Named Inventor	MATZ	
	Art Unit	3629	
	Examiner Name	OUELLETTE	
Total Number of Pages in This Submission	10	Attorney Docket Number	BS01378

### ENCLOSURES (Check all that apply)

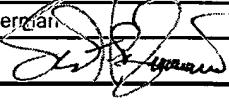
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Scott P. Zimmerman
Signature	
Date	28 January 2005

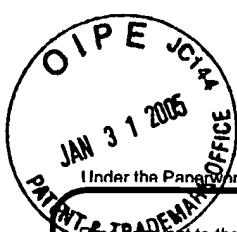
### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 28 January 2005

Typed or printed	Scott P. Zimmerman	Date
Signature		28 January 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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Effective on 12/08/2004.  
Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# Fee Transmittal For FY 2005

<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		
<b>TOTAL AMOUNT OF PAYMENT</b>	(\$)	180.00

Complete if Known	
Application Number	10/017,630
Filing Date	12/14/2001
First Named Inventor	MATZ
Examiner Name	OUELLETTE
Art Unit	3629
Attorney Docket No.	BS01378

**METHOD OF PAYMENT** (check all that apply)

<input checked="" type="checkbox"/> Check	<input type="checkbox"/> Credit Card	<input type="checkbox"/> Money Order	<input type="checkbox"/> None	<input type="checkbox"/> Other (please identify): _____
<input type="checkbox"/> Deposit Account		Deposit Account Number: _____		Deposit Account Name: _____

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

<input type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17	<input type="checkbox"/> Credit any overpayments

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**FEES CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

<u>Application Type</u>	FILING FEES		SEARCH FEES		EXAMINATION FEES	
	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>
Utility	300	150	500	250	200	100
Design	200	100	100	50	130	65
Plant	200	100	300	150	160	80
Reissue	300	150	500	250	600	300
Provisional	200	100	0	0	0	0

**2. EXCESS CLAIM FEES****Fee Description**

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee (\$)</u>	<u>Fee (\$)</u>
- 20 or HP =	x	=		50	25	
HP = highest number of total claims paid for, if greater than 20.				200	100	
Indep. Claims	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	360	180	

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 20 or HP =	x	=				

HP = highest number of total claims paid for, if greater than 20.

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
- 100 =	/ 50 =	(round up to a whole number) x	=	

<b>4. OTHER FEE(S)</b>	<b>Fees Paid (\$)</b>
Non-English Specification, \$130 fee (no small entity discount)	
Other (e.g., late filing surcharge): SUPPLEMENTAL IDS FEE 1.17 (p)	180.00

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 41,390	Telephone (919) 387-6907
Name (Print/Type)	Scott P. Zimmerman		Date 28 January 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

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Director:

The Assignee respectfully requests entry and consideration of the references listed on the enclosed PTO 1449 Forms. Because this Supplemental Information Disclosure Statement is submitted after a first office action has issued, the Assignee herewith includes the 37 C.F.R. § 1.17 (p) fee of \$180.

If the Office has any questions, the Office is invited to contact the undersigned at (919) 387-6907 or [scott@wzpatents.com](mailto:scott@wzpatents.com).

Respectfully submitted,

A handwritten signature in black ink, appearing to read "SCOTT P. ZIMMERMAN".

Scott P. Zimmerman, Reg. No. 41,390  
Attorney for Assignee

02/02/2005 KBETEMA1 00000011 10017630

01 FC:1806

180.00 OP

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

of 10

## Complete if Known

Application Number	10/017,630
Filing Date	12/14/2001
First Named Inventor	MATZ
Art Unit	3629
Examiner Name	OUELLETTE
Attorney Docket Number	BS01378

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 5,948,061	9/7/1999	Merriman et al.	
		US- 5,794,210	8/11/1998	Goldhaber et al.	
		US- 5,724,521	3-1998	Dedrick	
		US- 5,892,536	4-1999	Logan	
		US- 5,600,364	2-1997	Hendricks	
		US- 6,282,713	8-2001	Kitsukawa	
		US- 6,477,704	11-2002	Cremia	
		US- 5,389,964	2-1995	Oberle	
		US- 6,002,393	12-1999	Hite	
		US- 4,912,552	3-1990	Allison	
		US- 6,446,261	9-2002	Rosser	
		US- 5,848,396	12-1998	Gerace	
		US- 5,948,061	9-1999	Merriman	
		US- 6,100,916	8-2000	August	
		US- 6,314,577	11/6/2001	Pocock	
		US- 5,892,508	4/6/1999	Howe	
		US- 5,818,438	10/6/1998	Howe	
		US- 6,076,094	6/13/2000	Cohen	
		US- 6,172,674	1/9/2001	Etheridge	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		WO 99 52285A	10/14/1999			
		WO 99 04561A	1/28/1999			
		WO 99 45702A	9/10/1999			
		EP 0 424 648A	2/2/1991			
		EP 1162840 A2	12-2001	Wilson		

Examiner Signature		Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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**Complete if Known**

Application Number	10/017,630
Filing Date	12/14/2001
First Named Inventor	MATZ
Art Unit	3629
Examiner Name	OUELLETTE

Sheet **1** of **10****INFORMATION DISCLOSURE STATEMENT BY APPLICANT***(Use as many sheets as necessary)*Attorney Docket Number **BS01378****U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> ( <i>if known</i> )			
		US- 6,252,586	6/26/2001	Freeman	
		US- 5,661,516	8/1997	Carles	
		US- 5,774,170	6-1998	Hite	
		US- 5,758,257	5-1998	Herz	
		US- 5,410,344	4-1995	Graves	
		US- 5,754,393	5-1998	Herz	
		US- 5,838,314	11-1998	Neel	
		US- 6,029,045	1-2001	Alexander	
		US- 6,463,468	10-2002	Buch	
		US- 6,496,818	12-2002	Ponte	
		US- 6,507,839	1-2003	Ponte	
		US- 6,510,417	1-2003	Woods	
		US- 6,631,360	10-2003	Cook	
		US- 4,602,279	7-1986	Freeman	
		US- 5,446,919	8-1995	Wilkins	
		US- 5,585,865	12-1996	Amano	
		US- 5,758,259	5-1998	Lawler	
		US- 5,861,906	1-1999	Dunn	
		US- 5,973,683	10-1999	Cragun	

**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> ( <i>if known</i> )				

Examiner Signature		Date Considered	
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Art Unit	3629
Examiner Name	OUELLETTE

Sheet

of 10

Attorney Docket Number BS01378

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		US- 6,005,597	12-1999	Barrett	
		US- 6,314,568	11-2001	Ochiai	
		US- 6,457,010	9-2002	Eldering	
		US- 2002/0143647	10-2002	Headings	
		US- 2002/0199197	12-2002	Winter	
		US- 5,543,911	7-1996	Leviton	
		US- 2003/0067554	4-2003	Klarfield	
		US- 6,202,210	3-2001	Ludtke	
		US- 5,630,119	5/13/1997	Aristides	
		US- 5,917,481	6/29/1999	Rzeszewski	
		US- 5,983,227	11/9/1999	Nazem	
		US- 5,038,211	8/6/1991	Hallenbeck	
		US- 5,559,548	9/24/1996	Davis	
		US- 6,463,585	10/2002	Hendricks	
		US- 6,505,348	1-2003	Knowles	
		US- 6,185,614	2/2001	Cuomo	
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

of 10

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Application Number	10/017,630
Filing Date	12/14/2001
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Group Art Unit	3629
Examiner Name	OUELLETTE

Attorney Docket Number

BS01378

### U.S. PATENT DOCUMENTS

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		Number	Kind Code <sup>2</sup> (if known)			
		US- 3,798,610		Bliss et al.	03-19-1974	
		US- 3,886,302		Kosco	05-27-1975	
		US- 4,130,833		Chomet	12-19-1978	
		US- 4,258,386		Cheung	03-24-1981	
		US- 4,361,851		Asip et al.	11-30-1982	
		US- 4,488,179		Kruger et al.	12-11-1984	
		US- 4,566,030		Nickerson et al.	01-21-1986	
		US- 4,567,591		Gray et al.	02-28-1986	
		US- 4,598,288		Yarbrough et al.	07-01-1986	
		US- 4,688,248		Tomizawa	08-18-1987	
		US- 4,689,661		Barbieri et al.	08-25-1987	
		US- 4,697,209		Kiewitt et al.	09-1987	
		US- 4,720,873		Goodman et al.	01-19-1988	
		US- 4,816,904		McKenna et al.	03-28-1989	
		US- 4,890,322		Russell, Jr.	12-26-1989	
		US- 4,912,552		Allison, III. et al.	03-27-1990	
		US- 5,010,585		Garcia	04-23-1991	
		US- 5,046,090		Walker et al.	09-03-1991	
		US- 5,046,092		Walker et al.	09-03-1991	
		US- 5,055,924		Skutta	10-08-1991	
		US- 5,173,900		Miller et al.	12-22-1992	
		US- 5,191,645		Carlucci et al.	03-02-1993	
		US- 5,208,665		McCalley et al.	05-04-1993	
		US- 5,247,347		Litteral et al.	09-21-1993	
		US- 5,249,044		VonKohorn	09-28-1993	
		US- 5,251,324 A		McMullan	10-1993	
		US- 5,287,181		Holman	02-15-1994	
		US- 5,335,277		Harvey et al.	08-02-94	
		US- 5,339,315		Maeda et al.	08-16-1994	
		US- 5,343,240		Yu	08-30-1994	
		US- 5,374,951		Welsh	12-20-1994	
		US- 5,357,276		Banker et al.	10-18-1994	
		US- 5,404,393		Remillard	04-04-1994	
		US- 5,410,326		Goldstein	04-1995	
		US- 5,446,919		Wilkins, Jeff K.	08-1995	
		US- 5,446,490		Blahut et al.	08-29-1995	
		US- 5,500,681		Jones	03-1996	

Examiner  
Signature

Date  
Considered

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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BS01378

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
			EP 1162840 A2		Wilson et al.	12-2001		

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Of

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Application Number	10/017,630
Filing Date	12/14/2001
First Named Inventor	MATZ
Group Art Unit	3629
Examiner Name	OUELLETTE
Attorney Docket Number	BS01378

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		PCT Publication No. WO 94/17609 (Kiefl et al., 08-04-1994)	
		CAULEY, LESLIE, "Microsoft, Baby Bell Form Video Alliance," <u>The Wall Street Journal</u> , September 26, 1994.	
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		International Search Report for PCT /US02/40070 A1	

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